

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number	10583996
	Filing Date	2006-06-22
	First Named Inventor	Yechiel SHAI
	Art Unit	
	Examiner Name	
	Attorney Docket Number	SHAI=8

**U.S.PATENTS**

Examiner Initial*	Cite No	Patent Number	Kind Code†	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
1	5464933			1995-11-07	Bolognesi, et al	
2	5840843			1998-11-24	Jiang, et al.	
3	6013263			2000-01-11	Barney, et al	
4	6017536			2000-01-25	Barney, et al	
5	6020459			2000-02-01	Barney, et al	
6	6093794			2000-07-25	Barney, et al	
7	6133413			2000-10-17	MOURI et al Bolognesi, et al	
8	6133418			2000-10-17	Bolognesi, et al	

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9	6228983		2001-05-08	Barney, et al	
10	6518013		2003-02-11	Barney, et al	

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	1	Eckert D. M. et al., "Inhibiting HIV-1 Entry: Discovery of D-Peptide Inhibitors that Target the gp41 Coiled-Coil Pocket". Cell 1999; 99:103-115	<input type="checkbox"/>
	2	Gerber D. et al., "Insertion and Organization Within Membranes of the Delta-Endotoxin Pore-Forming Domain, Helix 4-Loop-Helix 5, and Inhibition of its Activity By a Mutant Helix 4 Peptide". J Biol Chem. 2000; 275(31):23602-23607.	<input type="checkbox"/>

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3	Gerber D. et al., "In Vivo Detection of Hetero-association of Glycophorin-A and its Mutants Within the Membrane". <i>J Biol Chem.</i> 2001; 276(33):31229-31232.	<input type="checkbox"/>
4	Gerber D. et al., "Chirality-Independent Protein-Protein Recognition Between Transmembrane Domains In Vivo". <i>J Mol Biol.</i> 2002; 322(3):491-495	<input type="checkbox"/>
5	Judice J.K. et al., "Inhibition of HIV Type 1 Infectivity by Constrained Alpha-Helical Peptides: Implications for the Viral Fusion Mechanism". <i>Proc Natl Acad Sci U S A.</i> 1997; 94(25):13426-13430.	<input type="checkbox"/>
6	Kliger Y. et al., "Mode of Action of an Antiviral Peptide From HIV-1. Inhibition at a Post-Lipid Mixing Stage". <i>J Biol Chem.</i> 2001; 276(2):1391-1397	<input type="checkbox"/>
7	Kliger Y. et al., "Fusion Peptides Derived from the HIV Type 1 Glycoprotein 41 Associate Within Phospholipid Membranes and Inhibit Cell-Cell Fusion. Structure-Function Study". <i>J Biol Chem.</i> 1997; 272(21):13496-13505.	<input type="checkbox"/>
8	Lu M. et al., "A Trimeric Structural Subdomain of the HIV-1 Transmembrane Glycoprotein". <i>J Biomol Struct Dyn.</i> 1997; 15(3):465-471.	<input type="checkbox"/>
9	MacKenzie K. et al., "A Transmembrane Helix Dimer: Structure and Implications". <i>Science</i> 1997; 276:131-133.	<input type="checkbox"/>
10	Manolios N. et al., "T-Cell Antigen Receptor Transmembrane Peptides Modulate T-Cell Function and T Cell-Mediated Disease". <i>Nat. Med.</i> 1997; 3:84-88.	<input type="checkbox"/>
11	Pritsker M. et al., "A Synthetic all D-Amino Acid Peptide Corresponding to the N-Terminal Sequence of HIV-1 gp41 Recognizes the Wild-Type Fusion Peptide in the Membrane and Inhibits HIV-1 Envelope Glycoprotein-Mediated Cell Fusion". <i>Proc Natl Acad Sci U S A.</i> 1998; 95(13):7287-7292.	<input type="checkbox"/>
12	Russ W. P. et al., "The GxxxG Motif: a Framework for Transmembrane Helix-Helix Association". <i>J. Mol. Biol.</i> 2000; 296:911-919.	<input type="checkbox"/>
13	Rutledge T. et al., "Transmembrane Helical Interactions: Zeta Chain Dimerization and Functional Association with the T Cell Antigen Receptor". <i>Embo J.</i> 1992; 11:3245-3254.	<input type="checkbox"/>

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	14	Shai Y. et al., "Diastereoisomers of Cytolysins, a Novel Class of Potent Antibacterial Peptides". J. Biol. Chem. 1996; 271:7305-7308.	<input type="checkbox"/>
			<input type="checkbox"/>
	15	Wild C. et al., "A Synthetic Peptide from HIV-1 gp41 is a potent Inhibitor of Virus-Mediated Cell-Cell Fusion". AIDS Res Hum Retroviruses. 1993; 9(11):1051-1053	<input type="checkbox"/>
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